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Streamflow Forecast Summary: April 1, 2011 (averages based on 1981-2010 reference period)

UPPER YUKON BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yukon R at Eagle	APR-JUL	31800	34800	36900	108%	39000	42000	34200

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

CENTRAL YUKON BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	APR-JUL	3990	4990	5810	103%	6760	8460	5640
Yukon R nr Stevens Village	APR-JUL	42200	45800	48200	100%	50600	54200	48200

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

TANANA BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	APR-JUL	155	225	270	100%	315	385	270
Little Chena R nr Fairbanks	APR-JUL	49	66	77	99%	88	105	78
Salcha R nr Salchaket	APR-JUL	375	480	560	90%	645	785	625
Tanana R at Fairbanks	APR-JUL	6340	6910	7300	103%	7690	8260	7100
Tanana R at Nenana	APR-JUL	7540	8250	8730	97%	9210	9920	9000

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 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
WESTERN INTERIOR BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuskokwim R at Crooked Creek	APR-JUN	7400	8940	9980	95%	11000	12600	10500

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 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment

Chance that actual volume will exceed forecast

ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse								
	APR-JUL	520	670	770	97%	870	1020	795
Sagavanirktok R nr Pump Station 3								
	APR-JUL	485	565	615	90%	665	745	685
	MAY-JUL	425	540	630	92%	735	930	685

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 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough								
	APR-JUL	225	315	375	79%	435	525	475

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer								
	APR-JUL	42	54	63	73%	72	84	86
Talkeetna R nr Talkeetna								
	APR-JUL	1120	1280	1380	85%	1480	1640	1630

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 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage								
	APR-JUL	33	40	45	78%	50	57	58

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing								
	APR-JUL	705	780	830	90%	880	955	925

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 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau	APR-JUL	24	29	32	97%	35	40	33

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- 3) Median value used in place of average